

PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AT THE INTERSECTION OF MD 58 (SALEM AVE) AND BROADFORDING ROAD IN WASHINGTON COUNTY, MARYLAND. MD 58 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA FIVE-PHASE, FULL-TRAFFIC-ACTUATED MODE WITH THE MD 58 APPROACHES OPERATING CONCURRENTLY AND THE BROADFORDING ROAD/DRIVE ENT/EXIT APPROACHES OPERATING CONCURRENTLY.

EXCLUSIVE/PERMISSIVE LEFT-TURN PHASING IS PROVIDED FOR THE WESTBOUND MD 58 APPROACH.

A RIGHT TURN OVERLAP IS PROVIDED FOR THE NORTHBOUND BROADFORDING ROAD APPROACH.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER WILL BE USED.

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT. ADDITIONAL TRAFFIC CONTROL STANDARDS MAY BE USED AS DIRECTED BY THE ENGINEER.

STANDARD NO. MD-104.04-03 (LEFT LANE CLOSURE)

STANDARD NO. MD-104.02-13 (INTERSECTION FLAGGING OPERATION)

PROJECT CONTACTS

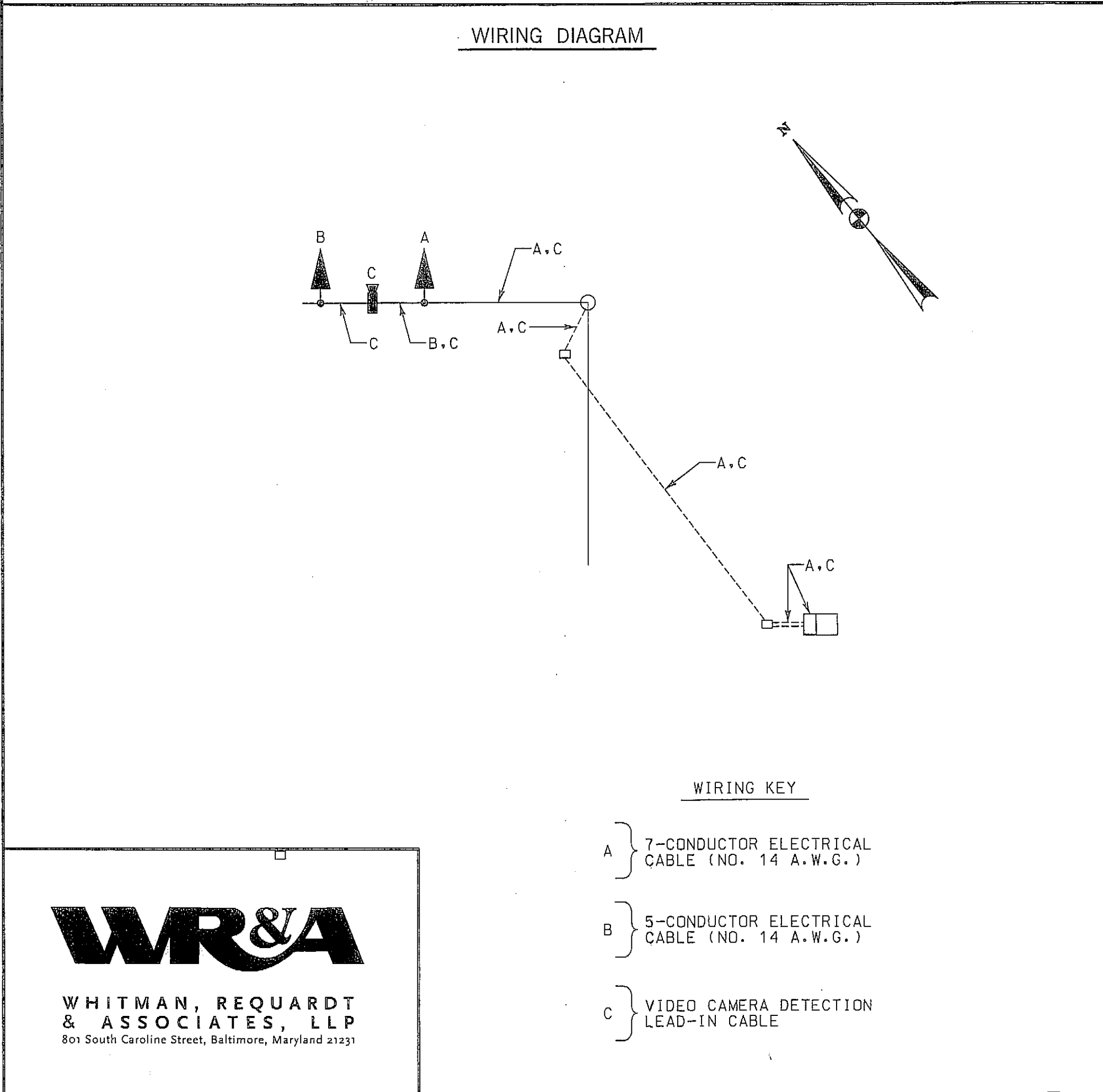
THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

MR. GEORGE H. SMALL
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 729-8444

MR. DAVID LARRICK
DISTRICT UTILITY ENGINEER
PHONE: (301) 729-8420

MR. GEORGE FRANKENBERRY
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 729-8457

CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630



EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA

ITEM NO.	QUANTITY	DESCRIPTION
9571	20 S.F.	SHEET ALUMINUM SIGNS TO CONSIST OF (POLE MOUNT) :
		- 1 EACH M1-5(4) (78 IN. x 36 IN.) - MAST ARM MOUNT

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED AND RETURNED TO SHA

ALL REMOVED SIGNAL MATERIALS SHALL BECOME PROPERTY OF THE CONTRACTOR

PHASE CHART

	1	2	3	4	5	6	7	8	9
PHASE 2 + 5	R	R	G	G	G	R	R	R	R
2 + 5 CHANGE	R	R	G	G	G	R	R	R	R
PHASE 2 + 6	G	G	G	G	G	R	R	R	R
2 + 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	R
PHASE 4 + 8	R	R	R	R	R	G	G	G	G
4 + 8 CHANGE	R	R	R	R	R	Y	Y	Y	Y
PRE-EMPTION 1	G	G	G	G	G	R	R	R	R
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLY	FLR	FLR	FLR	FLR

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
5005	15 L.F.	24 INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKINGS
8001	6 EACH	12 INCH LED SIGNAL HEAD SECTION
8023	1 EACH	REMOVE & DISPOSE MATERIAL & EQUIPMENT (PER ASSIGNMENT)
8028	1 EACH	VIDEO DETECTION CAMERA & CABLE UP TO 500 FT
8040	20 S.F.	INSTALL OVERHEAD OR GROUND MOUNTED SIGN (INCLUDING ALL HARDWARE)
8055	25 L.F.	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8056	170 L.F.	ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)

TOD NO: XX650-23
SHA NO: WA227B53
MD 58 @ Broadfording Road

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 58 (Salem Ave) and Broadfording Road
Hagerstown, Maryland

GENERAL INFORMATION SHEET

SCALE NONE ADVERTISED DATE 2/01/2013 CONTRACT NO. XX6505185

DESIGNED BY S. Bloss COUNTY Washington
DRAWN BY S. Bloss LOGMILE 21005902.93
CHECKED BY N. Leary TMS NO. 1752
F.A.P. NO. TOD NO.

TS NO. 4737A DRAWING TSP-2 OF 2 SHEET NO. 2 OF 2

WR&A
WHITMAN, REQUARDT & ASSOCIATES, LLP
801 South Caroline Street, Baltimore, Maryland 21231